

REGISTRATION - WATERSHEDS 103: TRAINING FOR TMDL PRACTITIONERS

August 9, 2000

Space is limited so please register before August 2000. Questions regarding registration can be directed to Richard H. "Pete" Hawkins by phone, 520/621-7273 or by e-mail: rhawkins@ag.arizona.edu, or Jalyn Cummings, Arizona Department of Environmental Quality by phone, 602/207-4468 or by email: cummings.jalyn@ev.state.az.us

REGISTRATION FORM

(Make a copy of this form if you wish to keep the program on the reverse side intact)

Name: _____

Affiliation: _____

Address: _____

City: _____

State: _____ ZIP: _____

Phone: (____) _____

Fax: (____) _____

E-mail: _____

Mail, fax, or e-mail your registration to:

Pete Hawkins
325 BioSciences East
University of Arizona Tucson, AZ 85721
E-mail: rhawkins@ag.arizona.edu
Fax: 520/626-7401

Watershed Resources Program
School of Renewable Natural Resources
325 BioSciences East
University of Arizona Tucson, AZ 85721



The Watershed Academy Presents

Watersheds 103

TRAINING FOR TMDL PRACTITIONERS

A Training Workshop

*August 9, 2000
Arizona DEQ
3033 N. Central
Rooms 1709 and 1710
Phoenix, AZ 85012*

A workshop cosponsored by



*U.S. Environmental Protection Agency's
Office of Wetlands, Oceans and Watersheds, USEPA
Region 9, and Arizona DEQ*

Presented by Tetra Tech, Inc.

ABOUT THE COURSE

This one-day course reviews the programmatic and technical components for developing total maximum daily loads (TMDLs) under Section 303(d) of the Clean Water Act. Section 303(d) requires that states develop lists of waters that do not meet state water quality standards, even after the application of technology-based and other required controls. States must establish priority rankings for waters on the list and develop TMDLs for these waters. A TMDL is a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. This training provides critical information on how the technical basis for a TMDL can be developed. The TMDL information will be presented through lectures and relevant case study examples tailored to regional needs.

This course is sponsored by EPA's Office of Water, Office of Wetlands, Oceans and Watersheds, EPA Region 9, and Arizona DEQ. The course is intended for those who will actually be developing TMDLs, including technical water resources staff and watershed managers from states, tribes, and territories; local governments; EPA regional and headquarters staff; and other interested watershed practitioners.

TENTATIVE AGENDA

Registration	7:30 - 8:15 a.m.
Introduction and Course Overview	8:15 - 8:30 a.m.
Introduction to TMDLs Program Overview TMDL Process TMDL Elements and Analysis Considerations TMDL Submittal	8:30 - 10:15 a.m.
<i>Break</i>	
Case Study 1 Examples being presented are tailored to specific waterbody types and regional considerations	10:30 a.m. - noon
<i>Lunch (on your own)</i>	noon - 1:00 p.m.
Modeling and Analysis for Establishing TMDLs Development of the Analytical Approach Introduction to Modeling Available Models and Model Selection Model Application	1:00 - 2:15 p.m.
<i>Break</i>	
Case Study 2	2:30 - 3:30 p.m.
Discussion and Summary	3:30 - 4:30 p.m.

WORKSHOP LOCATION

This one-day workshop will be held at Arizona DEQ. For directions to the site, contact Pete Hawkins by phone: 520/621-7273 or by e-mail: rhawkins@ag.arizona.edu

HOTEL ACCOMMODATIONS

Attendees are responsible for their own arrangements. A list of nearby hotels can be obtained by contacting Pete Hawkins by phone: 520/621-7273 or by e-mail: rhawkins@ag.arizona.edu

THE WATERSHED ACADEMY

The Watershed Academy supports a variety of efforts such as training and the development of reference materials to implement the watershed approach. For more information on the Academy, visit EPA's Web site at: www.epa.gov/owow/watershed/wacademy.html

EPA's TMDL PROGRAM

For more information on EPA's TMDL Program including existing regulatory requirements, proposed regulations and guidance, State maps showing impaired waters, and other information, visit EPA's TMDL website at www.epa.gov/owow/tmdl.